

Nesmeyanov, A. N., Nogina, O. V., and
Berlin, A. M.

THE REACTION OF CYCLOPENTADIENYLSODIUM
WITH ALKOXYTITANIUM CHLORIDES. [1961] [4]p.
10 refs.

Order from LC or SLA ml\$1.80, pt\$1.80 61-10634

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960,
v. 134 [no. 3] p. 607-608.

(Chemistry--Organic, TT, v. 5, no. 9)

61-10634

- I. Cyclopentadiene--
Chemical reactions
 2. Titanium chlorides--
Chemical reactions
 3. Sodium compounds
(Organic)--Chemical
reactions
- I. Nesmeyanov, A. N.
II. Nogina, O. V.
III. Berlin, A. M.

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Triphenyloxonium Salts, by Academician A. N.
Nesmeyanov, T. P. Tolstaya, 4 pp.

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Sci - Chem

Oct 58

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Determination of the Location of Substituents in
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I. I. Kritskaya, 4 pp.

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Ferrocene Homologs With Tertiary Alkyl Radicals,
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Synthesis of Organomercury Compounds from
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DSIR LLU M.1316

(loan)

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Nesmeyanov, A. N., Rubinshtein, A. M. and others.
A STUDY OF THE MAGNETIC SUSCEPTIBILITY OF
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FERROCENYLENES. 13 July 61 [4]p. 11 refs.
Order from OTS or SLA \$1.10 61-18685

Trans. of Akademiya Nauk SSSR. Doklady, 1961,
v. 138 [no. 1] p. 125-126.

DESCRIPTORS: *Ferrocenes, *Magnetic susceptibility,
Paramagnetic resonance, Polymers.

The static magnetic susceptibility was measured for
magnetic field intensities of 3500 to 4500 oersteds and
temperatures from 20 to 120°. These polymers are
paramagnetic. The closer the ferrocene residues are
to each other in the molecule, the greater is the para-
magnetism. The values of the specific magnetic sus-
ceptibility of these polymers obtained in solutions were
the same as those in measurements on solid polymers.

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II. Rubinshtein, A. M.

(Physics--Magnetism,
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